

Title (en)
ADJUSTABLE SLIDE STAGE FOR DIFFERENTLY SIZED SLIDES

Title (de)
VERSTELLBARE OBJEKTTRÄGERPLATTE FÜR UNTERSCHIEDLICH GROSSE OBJEKTTRÄGER

Title (fr)
PLATEAU POUR LAME RÉGLABLE POUR LAMES DE TAILLES DIFFÉRENTES

Publication
EP 3625607 A4 20210127 (EN)

Application
EP 18846053 A 20180817

Priority
• US 201762546877 P 20170817
• US 2018046944 W 20180817

Abstract (en)
[origin: WO2019036647A1] A digital slide scanning apparatus slide stage is configured to hold 1x3 and 2x3 glass slides. The slide stage is configured to alter its position by lateral shift or rotation to present the 1x3 or 2x3 sized recess to a slide rack for loading of the slide onto the stage. Also, a removable insert may configure the stage to hold a 1x3 glass slide when present and to hold a 2x3 glass slide when removed. Alternatively, a gripper stage is described herein that includes a fixed arm and a movable arm, each with one or more contact points configured to engage a side surface of the glass slide. Once the glass slide is secured between the contact points of the movable arm and the contact points of the fixed arm, the slide is further processed for scanning.

IPC 8 full level
G02B 21/26 (2006.01); **B01L 9/00** (2006.01); **G02B 21/34** (2006.01); **G12B 5/00** (2006.01)

CPC (source: EP US)
B01L 9/52 (2013.01 - EP US); **G02B 21/26** (2013.01 - EP US); **G02B 21/34** (2013.01 - EP); **B01L 2200/023** (2013.01 - EP US); **B01L 2300/0822** (2013.01 - EP US)

Citation (search report)
• [X] US 2015346476 A1 20151203 - QUARRE STEVE [US], et al
• [X] US 4946266 A 19900807 - KRAFT WINFRIED [DE], et al
• [X] WO 2015077837 A1 20150604 - AUTOSCAN SYSTEMS PTY LTD [AU]
• [A] CN 104730700 A 20150624 - SAKURA FINETEK USA INC
• See also references of WO 2019036647A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019036647 A1 20190221; CN 110799880 A 20200214; CN 110799880 B 20220412; EP 3625607 A1 20200325; EP 3625607 A4 20210127; EP 3625607 B1 20240327; JP 2020525848 A 20200827; JP 6972188 B2 20211124; US 11446670 B2 20220920; US 2020197943 A1 20200625

DOCDB simple family (application)
US 2018046944 W 20180817; CN 201880042587 A 20180817; EP 18846053 A 20180817; JP 2019572590 A 20180817;
US 201816624005 A 20180817